



City of Naperville
Employment Opportunity

Job Title:	Senior Network Security Engineer (3030)
Closing Date:	When filled
Salary:	\$102,568.96 – \$112,825.86 per year
Job Type:	
Location:	
Department:	

Job Description:

This City's Electric Utility is currently seeking a Senior Network Security Engineer to lead a team in installing, monitoring, and maintaining networks within the City's Electric Utility Smart Grid Network and external networks to ensure network, operational, and information systems security. The Senior Engineer implements and maintains network monitoring programs, intrusion detection & protection systems, vulnerability scanning programs, and associated remediation programs.

The hiring range for this position is \$102,568.96 – \$112,825.86 per year, commensurate with credentials and experience. The Pay Grade for this position is E255. For additional information, please [click here](#).

Responsibilities:

- Leads the Utility IT team's project coordination and communication to external stakeholders of the effects of IT projects on their business operations during maintenance, upgrades, and new implementations.
- Implement new security technologies, strategies, and programs to enhance the Electric Utility's security posture.
- Review projects to ensure proper security controls are applied to maintain a secure network.
- Implements and maintains Intrusion Detection systems, Intrusion Protection systems, SIEM, vulnerability scanning programs, and associated remediation programs.
- Identifies opportunities to incorporate best security practices into the Utility's culture. Drafts IT policies/procedures to ensure industry best practices are documented, followed, and in alignment with overall City IT policy. Works with management to gain security policy/procedure approvals, implementation, and to address adherence/violations to policies.
- Installs, maintains, monitors, and troubleshoots firewalls, intrusion prevention/detection systems, and other network and server infrastructure to ensure the security and integrity of Electric Utility operational and information systems.
- Monitors security advisory guidance to ensure all necessary network security updates, patches, and preventive measures are in place. Uses tools to test efficacy of in-place services, servers, and network devices. Validates patches and other security measures are working as designed.
- Completes cybersecurity audits with independent consultants to validate Department of Public Utilities – Electric (DPU-E) security.
- Acts as a liaison to the City's IT Network Security team. Attends joint planning and operation meetings. Collaborates with City IT staff on improving security posture at the Utility and the City as a whole.
- Prepares written materials, including procedures, documentation, diagrams, and reports, to document activities, provide written references, and/or convey information.
- Trains technical support staff on security policy, procedures, and best practices.
- Monitors trends in the computer industry to ensure security of DPU-E network systems and computer equipment.
- Attends meetings, workshops, and seminars to gather and convey information required to perform functions.
- Assists in resolving end-user issues, as escalated.
- Performs all other duties as assigned.

Qualifications:

Required

- A Bachelor's Degree in computer science or a related field.
- A minimum of two years of professional experience in the network security or cybersecurity fields with a proven track record of successful project completions.
- Valid ISC2, CISSP, and/or SSCP certification(s).
- A valid State of Illinois driver's license.

Preferred

- A valid Cisco Certified Network Associate – Security (CCNA – Sec).
- A valid Certified Network Penetration Tester (PNPT) and/or Certified Blue Team Professional (CBTP).
- A valid Certified Red Team Professional (CRTP) and/or Certified Ethical Hacker (CEH).

- A valid Certified Network Defense Architect (CNDA).
- One to two years of supervisory experience.

Additional Information:

The City of Naperville, Illinois is a dynamic community of 153,000 residents, conveniently located 28 miles west of Chicago. Various publications have named Naperville as one of the best cities in the United States in which to live. The City has gained national recognition for our family-friendly environment, excellent schools and library system, low crime rate, and vibrant downtown area. It's also a great place to work! Our municipal government employs over 900 dedicated individuals in a wide range of job categories and provides a collaborative working environment, a forward-looking leadership team, and a competitive benefits package.

[Click here](#) to learn more about the benefits offered by the City of Naperville.

APPLY ON-LINE AT:

<http://www.naperville.il.us/careers/>

Applications should be completed thoroughly, and resumes will not be accepted in lieu of an application but should be attached to the application. Include all requested education, experience, attachments, and other information when applying. Incomplete applications are subject to rejection. Notifications to applicants will be sent electronically to the email address provided in the application.

THE CITY OF NAPERVILLE IS AN E. O. E.

The City of Naperville complies with the Americans with Disabilities Act (ADA). Individuals needing accommodations in the recruitment process should notify Human Resources in advance at (630) 305-7066.